

# DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. KLA1P015A

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: IN-SITU METALIZATION MONITORING USING EDDY CURRENT MEASUREMENTS the specification of which,

(check one)

1. ☐ is attached hereto.
2. ☒ was filed on August 7, 2000 as  
U.S. Application No. 09/633,198  
and was amended on \_\_\_\_\_.
3. ☐ was filed on \_\_\_\_\_ as  
International PCT Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

## Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

|                            |                    |                        | Priority Benefits Claimed? |
|----------------------------|--------------------|------------------------|----------------------------|
|                            |                    |                        | Yes ___ No ___             |
| _____<br>(Application No.) | _____<br>(Country) | _____<br>(Filing Date) |                            |

|                            |                    |                        |                |
|----------------------------|--------------------|------------------------|----------------|
| _____<br>(Application No.) | _____<br>(Country) | _____<br>(Filing Date) | Yes ___ No ___ |
|----------------------------|--------------------|------------------------|----------------|

## Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

|  |   |
|--|---|
| <u>60/172,080</u><br>(Application No.) | <u>December 23, 1999</u><br>(Filing Date) |
|--|---|

|                            |                        |
|----------------------------|------------------------|
| _____<br>(Application No.) | _____<br>(Filing Date) |
|----------------------------|------------------------|

**Prior U.S. Application(s)**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

|                            |                        |  |
|----------------------------|------------------------|--|
| _____<br>(Application No.) | _____<br>(Filing Date) | _____<br>(Status - patented, pending, abandoned) |
|----------------------------|------------------------|--|

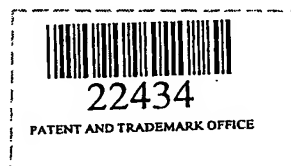
|                            |                        |  |
|----------------------------|------------------------|--|
| _____<br>(Application No.) | _____<br>(Filing Date) | _____<br>(Status - patented, pending, abandoned) |
|----------------------------|------------------------|--|

**Power of Attorney**

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**Direct Correspondence To:**

**Customer Number: 022434**  
**BEYER WEAVER & THOMAS, LLP**  
P.O. Box 778  
Berkeley, CA 94704-0778



**Direct Telephone Calls To:**

**Attorney Name at telephone number (510) 843-6200**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**Typewritten Full Name of**

**Sole or First Inventor:** Kurt R. Lehman **Citizenship:** United States of America

**Inventor's signature:** Kurt R. Lehman **Date of Signature:** 11-1-00

**Residence:** (City) Menlo Park **(State/Country)** California

**Post Office Address:** 110 O' Connor Street, Menlo Park, California 94025

**Second Inventor:** Shing M. Lee **Citizenship:** United States of America

**Inventor's signature:** Shing M. Lee **Date of Signature:** 11/1/00

**Residence:** (City) Fremont **(State/Country)** California

**Post Office Address:** 45080 Parkmeadow Drive, Fremont, California 94539

Third Inventor: Walter Halmer Johnson III

Citizenship: United States of America

Inventor's signature: Walter Halmer Johnson III

Date of Signature: 1/3/201

Residence: (City) San Jose

(State/Country) California

Post Office Address: 1478 Luning Drive, San Jose, California 95118

Fourth Inventor: John Fielden

Citizenship: United States of America

Inventor's signature: John Fielden

Date of Signature: Jan 3, 2001

Residence: (City) Los Altos

(State/Country) California

Post Office Address: 2020 Victoria Court, Los Altos, California 94024



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MARCH 22, 2001

PTAS

BEYER WEAVER & THOMAS, LLP  
MARY R. OLYNICK  
PO BOX 778  
BERKELEY, CA 94704-0778



\*101583719A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/08/2001

REEL/FRAME: 011413/0880  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LEHMAN, KURT R.

DOC DATE: 11/01/2000

ASSIGNOR:

LEE, SHING M.

DOC DATE: 11/01/2000

ASSIGNOR:

JOHNSON III, WALTER HALMER

DOC DATE: 01/03/2001

ASSIGNOR:

FIELDEN, JOHN

DOC DATE: 01/03/2001

ASSIGNEE:

KLA-TENCOR CORPORATION  
160 RIO ROBLES  
SAN JOSE, CALIFORNIA 95134-1809

SERIAL NUMBER: 09633198

PATENT NUMBER:

FILING DATE: 08/07/2000

ISSUE DATE:



011413/0880 PAGE 2

DOROTHY RILEY, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

01-16-2001

MRD

ASSIGN



SHEET

1. 8-01

101583719



To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)

- a) Kurt R. Lehman
- b) Shing M. Lee
- c) Walter Halmer Johnson III
- d) John Fielden

2. Name and address of receiving party(ies):

- a) Name: KLA-Tencor Corporation
- Address: 160 Rio Robles  
San Jose, California 95134-1809

3. Nature of conveyance

- |                                     |                    |                          |                   |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment         | <input type="checkbox"/> | Merger            |
| <input type="checkbox"/>            | Security Agreement | <input type="checkbox"/> | Change of Name    |
| <input type="checkbox"/>            | Other _____        | <input type="checkbox"/> | License Agreement |

Execution Date: November 1, 2000 (Lehman and Lee); January 3, 2001 (Johnson and Fielden)

4. Application Number(s) or Patent Number(s): 09/633,198

The title of the (new) application is:

**IN-SITU METALIZATION MONITORING USING EDDY CURRENT MEASUREMENTS**

5. Please send all correspondence concerning this (these) documents to:

**Customer Number: 022434**  
BEYER WEAVER & THOMAS, LLP  
P.O. Box 778  
Berkeley, CA 94704-0778  
Phone (510) 843-6200  
Fax (510) 843-6203



22434

PATENT AND TRADEMARK OFFICE

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
- ☒ Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. KLA1P015A)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: January 5, 2001

Mary R. Olynick

Registration No. 42,963

01/11/2001 CVORACHA 00000005 09633198

05 FC:581

40.00 OP

Attorney Docket No. KLA1P015A

(Revised 01/96)

# ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

## IN-SITU METALIZATION MONITORING USING EDDY CURRENT MEASUREMENTS

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on August 7, 2000, and which bears the Application No. 09/633,198.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to KLA-Tencor Corporation, a Delaware corporation having a place of business at 160 Rio Robles, San Jose, California 95134-1809, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

1. Inventor Signature: Kurt R. Lehman  
Kurt R. Lehman

Date: 11-1-00

State of California

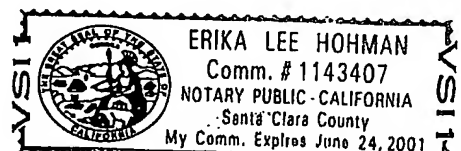
County of Santa Clara } ss.

On this 1st day of November, in the year 2000, before me, Erika Lee Hohman, Notary Public, personally appeared Kurt R. Lehman personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Erika Lee Hohman

(SEAL)



2. Inventor Signature: Shing M. Lee  
Shing M. Lee

Date: 11/1/00

State of California

County of Santa Clara } ss.

On this 1st day of November, in the year 2000, before me, Erika Lee Hohman, Notary Public, personally appeared Shing M. Lee, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Erika Lee Hohman



3. Inventor Signature: Walter Halmer Johnson III  
Walter Halmer Johnson III

Date: 1/3/2001

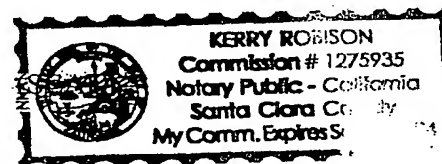
State of California

County of Santa Clara } ss.

On this 3rd day of January, in the year 2000, before me, Kerry Robison, Notary Public, personally appeared Walter Johnson, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Kerry Robison



4. Inventor Signature: John Fielden  
John Fielden

Date: Jan 3, 2001

State of California

County of Santa Clara } ss.

On this 3rd day of January, in the year 2000, before me, Kerry Robison, Notary Public, personally appeared John Fielden, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Kerry Robison

